

**Notice of Allowability**

Application No.

10/604,599

Examiner

Prabodh M. Dharja

Applicant(s)

HO ET AL.

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02-08-2007.
2. ☒ The allowed claim(s) is/are 54-65.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

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1. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2629. Receipt is acknowledged of papers submitted on 02-08-2007 under election of specie A with discussion and without traverse, which have been placed of record in the file. Claims 54-65 are pending in this action. Claims 1-53 are cancelled.

2. Applicant's election with discussion and without traverse of specie A in the reply filed on 02-08-2007 is acknowledged. The requirement is deemed proper and is therefore made FINAL.

***Response to Amendment***

3. The new claims 54-65 elected specie A on 02-08-2007, does not introduce new matter into the disclosure. The added material, which is supported by the original disclosure.

4. Applicant has elected specie A with Claims 54-65 to overcome prior art teaching and cancelled Claims 1-53. Applicant has added new limitations to overcome prior art rejection. Applicant's arguments, see Remark, filed 02-08-07 and 08-09-2006, with respect to limitations of Claim 54 regarding "a first converted color element; wherein the first color element and the first converted color element belong to the same color component g l look-up table; looking up a second color element of the input color in a second lookup table to generate a second converted color element; wherein the second color element and the second converted color element belong to the same color component b l look-up table and converting a third color element to generate a third converted color element by gamma correction circuit; wherein the third color element and the third converted color element belong to the same color component r l Gamma correction

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circuit ; and wherein one of the color elements of output color is dependent to the first, second and third converted color elements R''' have been fully considered, extensively searched in PG PUB, prior arts and are persuasive as they do overcome prior art rejection. The persuasive arguments filed on 08-09-2006 and 02-08-2007; newly added independent Claim 54 with allowable limitations are sufficient to overcome the prior art rejection; and put application number 10604599 in condition for allowance.

*Allowable Subject Matter*

5. Claims 54-65 are allowed.

6. The following is an examiner's statement of reasons for allowance:

Applicant's arguments filed on 08-09-2006 and 02-08-2007 are convincing. As argued by applicant in remarks under claim rejection on 08-09-2006, page 8, last paragraph and on 02-08-2007, page 5, last paragraph and page 6 paragraphs 1-3 and first two lines of fourth paragraph; the prior art of Lee (US 2003/0234795) in view of Champion et al (6,774,953) and Acharya (6,694,061) fails to recite or disclose the uniquely distinct features represented by underlined bold claim below;

**a first converted color element; wherein the first color element and the first converted color element belong to the same color component g l (green) look-up table; looking up a second color element of the input color in a second lookup table to generate a second converted color element; wherein the second color element and the second converted color element belong to the same color component b l (blue) look-up table and**

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**converting a third color element to generate a third converted color element by gamma correction circuit; wherein the third color element and the third converted color element belong to the same color component r1 (red) Gamma correction circuit ; and wherein one of the color elements of output color is dependent to the first, second and third converted color elements R'.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance.

### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.

8. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

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applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:


Commissioner of Patents and Trademarks

Washington, D.C. 20231

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March 19, 2007



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TECHNOLOGY CENTER 2600